

ABSTRACT OF THE DISCLOSURE

The color image processing apparatus of the present invention selects, on the basis of a moving average number n of pixels calculated by a predetermined numerical formula with respect to any notable pixel i , n number of reference pixels j located before and after the notable pixel i , and calculates an absolute value of a difference between an output of respective of the selected reference pixels j and that of the notable pixel i . Then, a moving average processing is executed by using only some reference pixels j of which the absolute value of the difference between each of their output levels and the output level of the notable pixel i is smaller than a threshold value.